

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W1803 Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 002
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 06/27/2018

### Product Identifiers

Product Name:	3-MERCAPTO-2-PENTANONE, 10% IN P.G.
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Synerzine Item #	<b>W1803</b>	CAS #	67633-97-0	FEMA #	3300
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### Material Properties

Molecular Formula	C5H10OS	Flash Point (°F, CC)	225
Molecular Weight	118.19	Boiling Point	187°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in water; soluble in organic solvents.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place.
Handling Precautions	Avoid contact of eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame.

### Specified Critical Limits

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Colorless	Slight amber
Odor	Organoleptic Analysis	None	Meaty, sulfurous, onion	
Chemical Purity	Gas Chromatography	%	10.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.027	1.039
Refractive Index	Refractometric Analysis	nD20	1.434	1.446

### Notes

Also offered as NEAT product (see W1803-90).

*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**

Quality Control Dept.

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